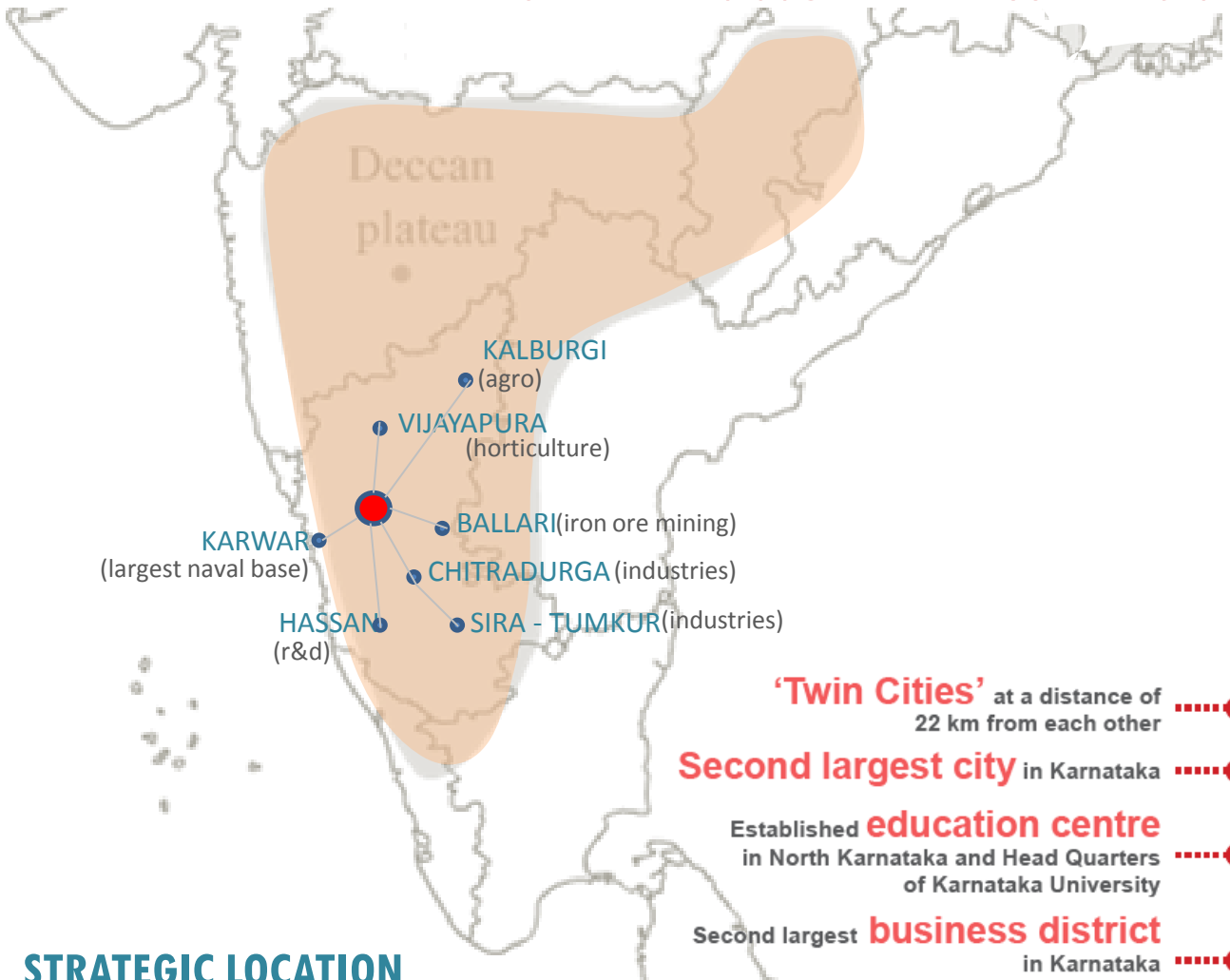


CITY PROFILE

GATEWAY TO SOUTHERN DECCAN REGION



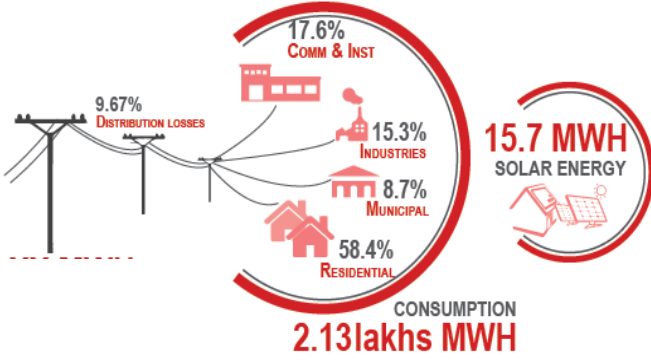
STRATEGIC LOCATION

KEY HIGHLIGHTS OF THE TWIN CITY

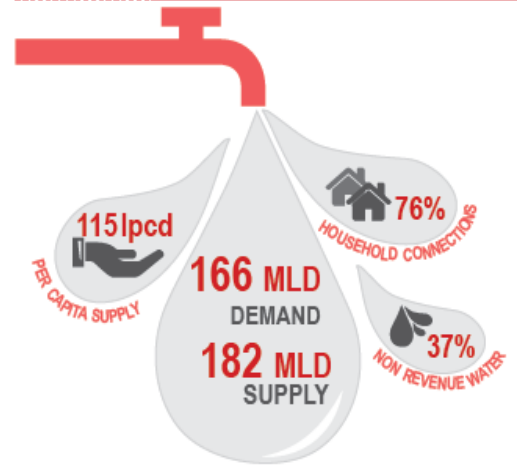


CITY PROFILE : BASIC SERVICES , TRADE, BUSINESS & COMMERCE

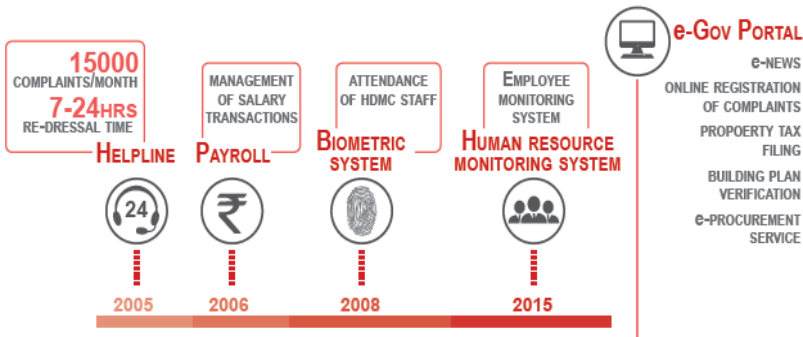
ENERGY



WATER SUPPLY



ADMINISTRATIVE EFFICIENCY



4 universities
 Zonal Headquarters South Western Railway
 International Airport (Sanctioned)
2 deemed universities

7
Industrial Estates

35.4%
Workforce Participation

23336
Total Number of SMEs

89%
Workforce in main workers

588cr
Proposed Investments

90%
Workforce Employed in Tertiary Sector

GDP CONTRIBUTION

6%
PRIMARY

29%
SECONDARY

65%
TERTIARY

CITIZEN ENGAGEMENT

**3.6 lakhs
CITIZENS
PARTICIPATED**

URBAN PLANNERS ENTREPRENEURS
STUDENTS CITY OFFICIALS
TECHNICAL COMMITTEES SLUM DWELLERS
UNIVERSITIES WOMEN CHILDREN
IT EXPERTS DECISION MAKERS
RESIDENTS NGOS STREET VENDORS
INSTITUTIONS HEAD AUTO DRIVERS

WALKATHON | MARATHON

1500 MYGOV SUBMISSIONS

ONLINE

135 PUBLIC INTERACTIONS
 Citizen Advisory Forum Meets
 City level Public Meets
 Ward Level Meets
 Zonal level Meets

13 LOCAL BODY MEETINGS
 Intra. Dept. Technical Committee Meets
 District Ministers Meet
 Executive committee meets (Pan city + Area base)

8 COMPETITIONS & EVENTS
 Essay Writing
 Painting & Design Competitions
 PPT Presentation Competition
 Marathon | Walkathon
 Hackathon

2 FOCUS GROUP MEETINGS
 Urban Planners & IT Solutions Meet
 Entrepreneurs Meet

OFFLINE



PRINT MEDIA

- 149 News items
- 334 News item
- 15 News items



DIGITAL MEDIA

- Smart city website: 1.75 Lakhs Hits
- MyGov: 1939 Submissions
- SMS Broadcasting: 1.71 Lakhs
- Polling through Missed Calls: 28,631
- Polling and questionnaire: 2.2 Lakhs



SOCIAL MEDIA

- Twitter: XX Tweets
- Facebook: 3482 Likes
- YouTube: 1000 Likes

STRATEGIC BLUEPRINT & VISION



AREA PROFILE

1.17 lakh
total population

11%
of city's population

58952
58133

992 acres
3.9 sq.km

TOTAL AREA

32,485
HOUSEHOLDS

Approx. 1lakh
FLOATING POPULATION

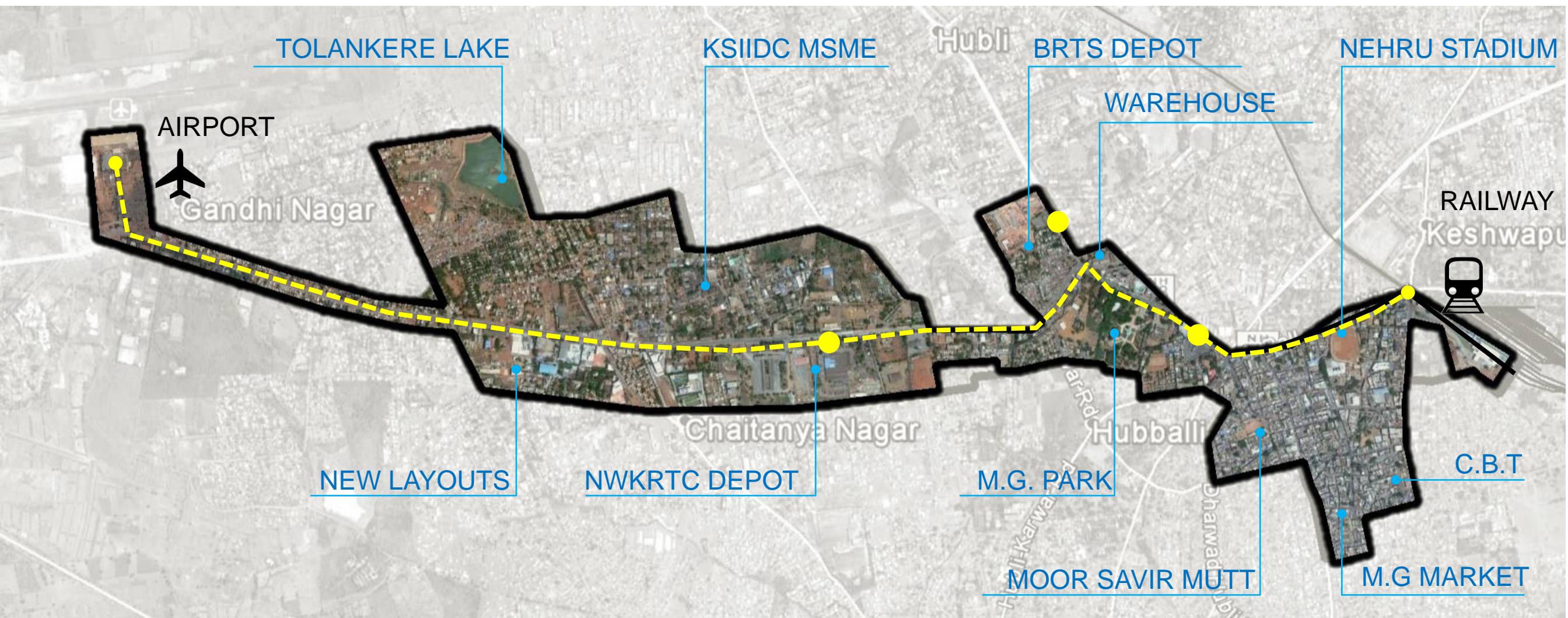
340 PPH
POPULATION DENSITY

20-24
MEDIAN AGE GROUP

41%
commercial & industrial landuse

6037
slum population

WARD NUMBERS 40, 41, 42, 43, 44, 46 & 59, Part of 34, 35, 36, 38, 39 & 56



AREA BASED DEVELOPMENT :

Area Selection for ABD
VISION

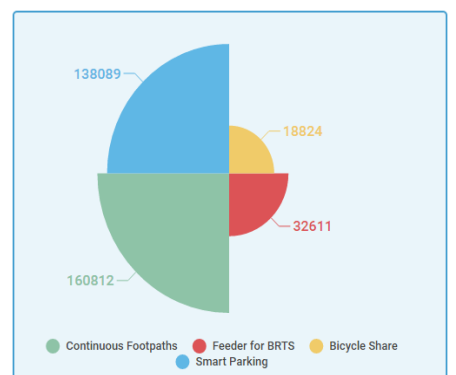
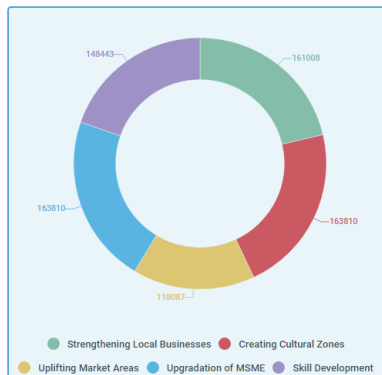
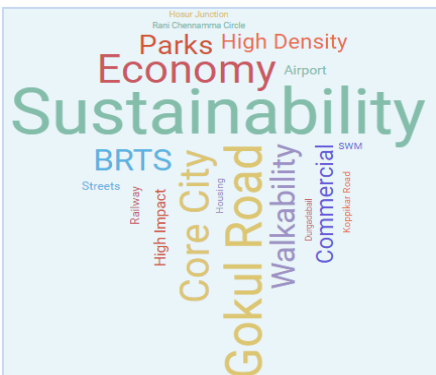
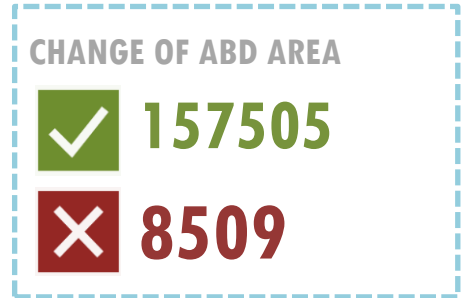
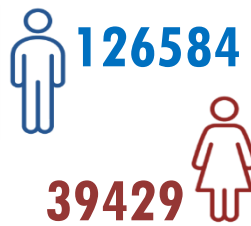


LINKING THE CITY
ACROSS TRANSIT NODES

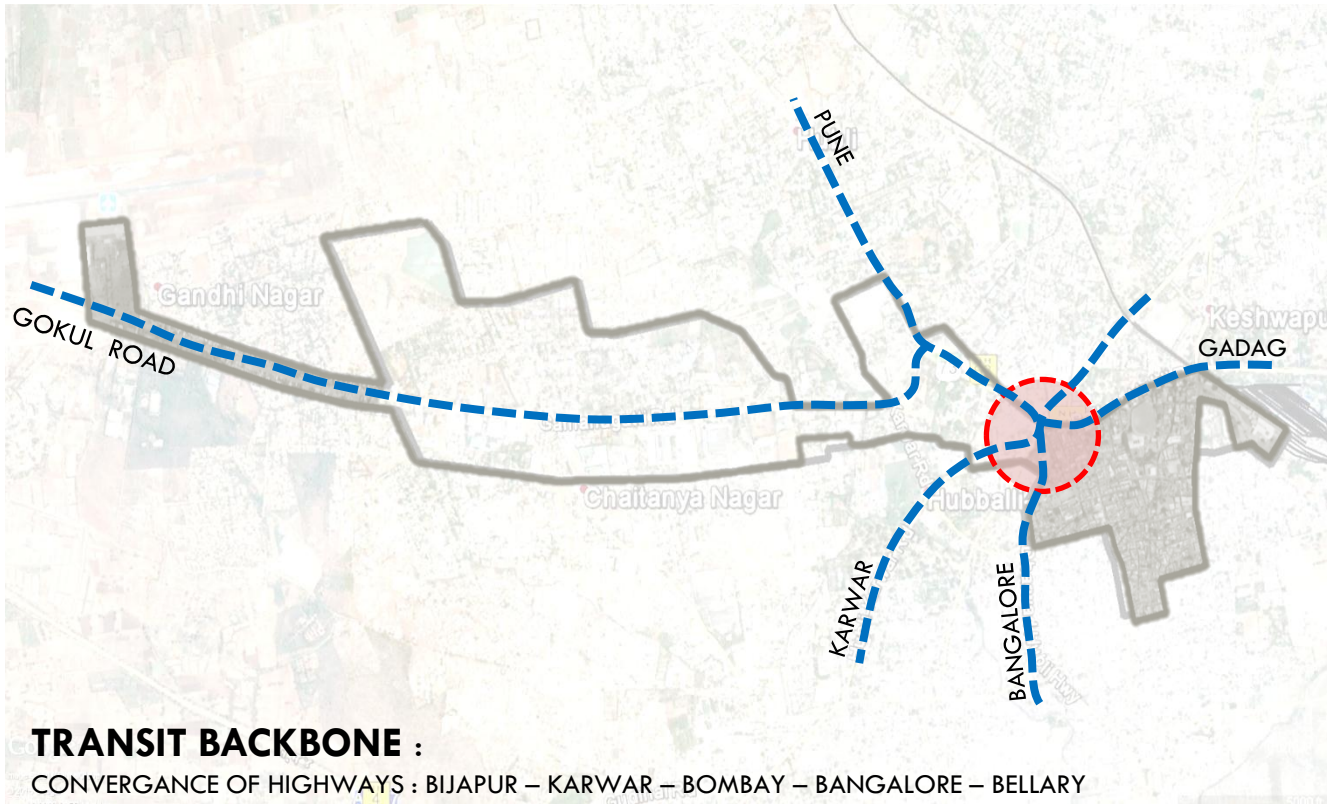
Extending mass transit urban transport systems connecting across all modes of transport across city's growth corridor, allowing seamless integration of public transport in the city, as well as to all other parts of the city.

CITIZEN ENGAGEMENT

ROUND 02



AREA BASED DEVELOPMENT



KEY INTERVENTIONS

SMART MOBILITY

IMPROVING ACCESSIBILITY

encourage NMT, last mile connectivity

INTER-LINKING TRANSIT MODES

multi – modal transit options with feeder routes

IMPROVED CONNECTIVITY

internal linkages within the precincts for many users

HIGH ON LIVEABILITY

IMPROVED QUALITY OF LIFE

underground utilities ducting, 24X7 supply

SELF CONTAINED PRECINCTS

solar energy generation, storm water management

ECONOMIC STIMULATORS

new opportunities in growth corridors

EASE OF CONNECTIVITY TO TBC

STRENGTHENING THE LOCAL BUSINESSES

promoting local markets and vendors

ESTABLISH DEVELOPMENT POTENTIALS

higher FSI and identified land for development

ACTIVE HIGH-STREET RETAIL

retail character with active street frontage

UPGRADATION OF FACILITIES

use of technology in industrial practices

SUSTAINABILITY

REVITALISING THE CULTURAL NODES

enhance associational value of nodes

CREATING COMMUNITY SPACES

connecting green open spaces within a network

STIMULATE CITYSCALE PUBLIC SPACES

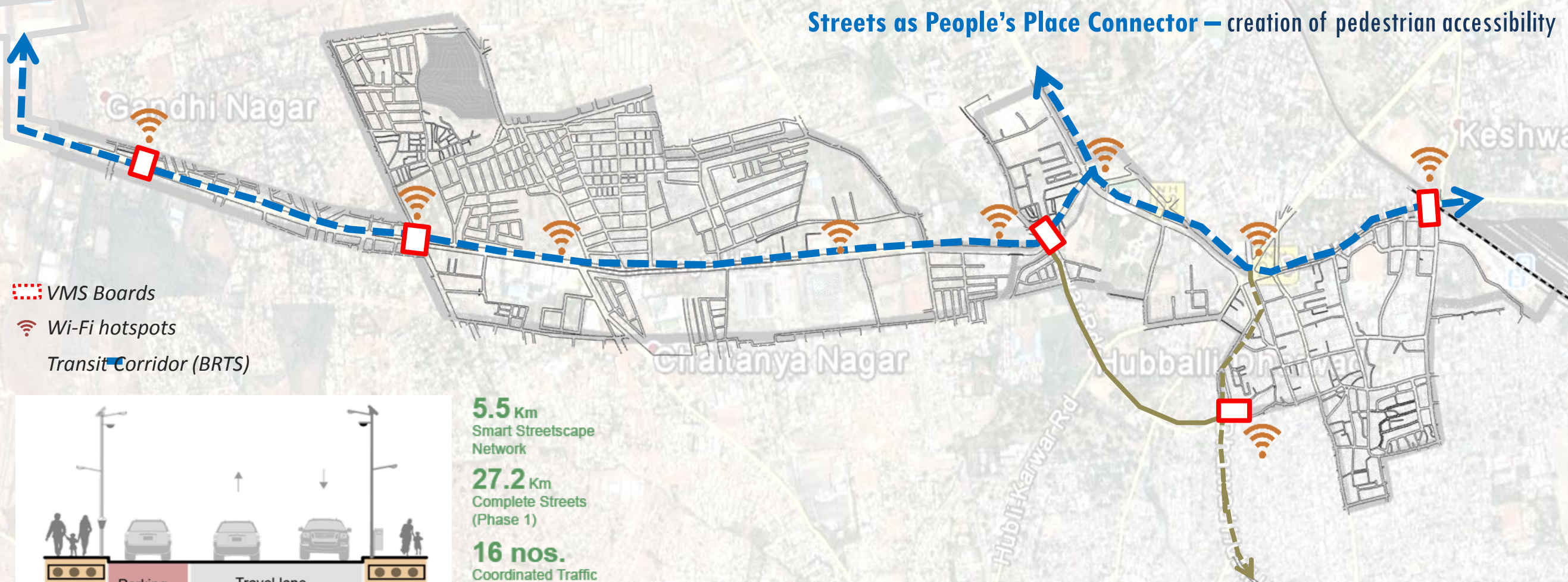
recreational facilities with active public space

INCLUSIVE COMMUNITY

Housing for all – affordable housing

AREA BASED DEVELOPMENT : SMART MOBILITY

Streets as People's Place Connector – creation of pedestrian accessibility



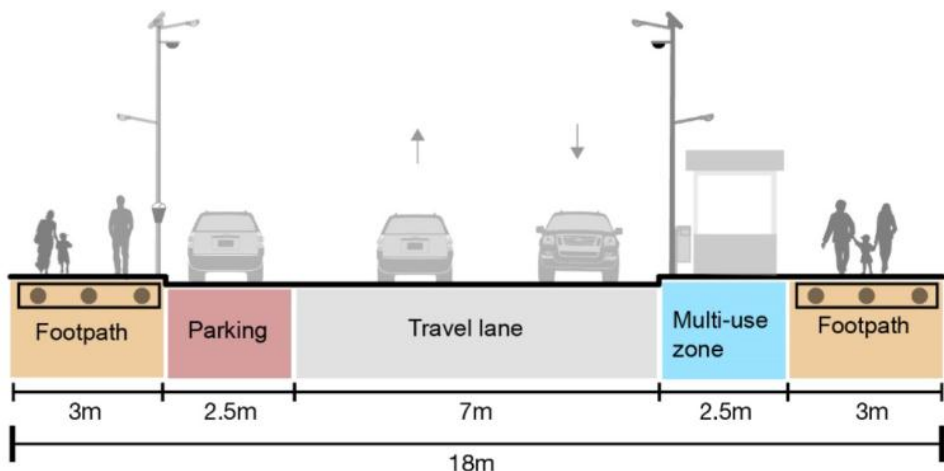
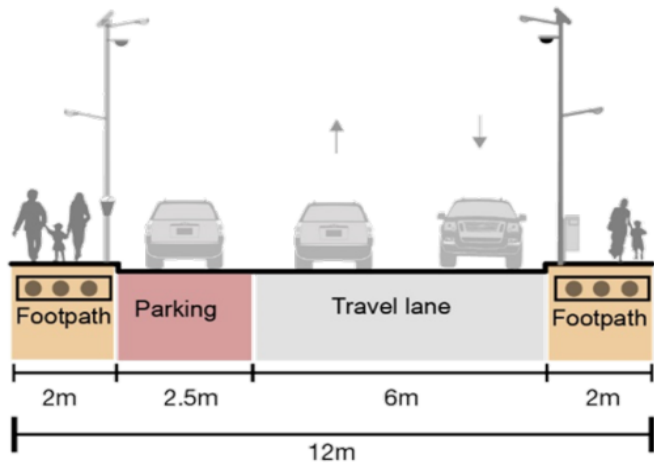
- VMS Boards
- Wi-Fi hotspots
- Transit Corridor (BRTS)

5.5 Km
Smart Streetscape Network

27.2 Km
Complete Streets (Phase 1)

16 nos.
Coordinated Traffic Signals

08 nos.
Intelligent Mid-block Crossings



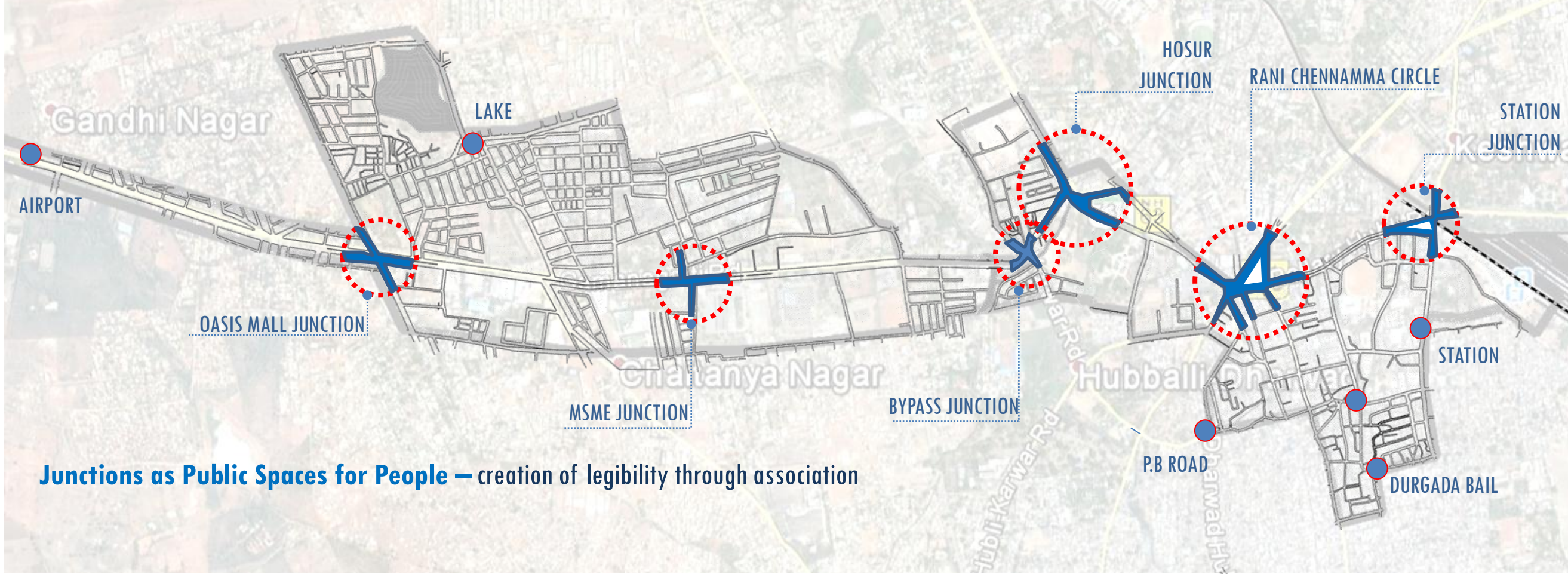
TYPICAL SECTION OF COMPLETE STREET



Smart Streetscape Network

1. Smart Streetscape Network
2. Complete Streets
3. Coordinated Traffic Signals
4. Intelligent Mid-block Crossings
5. Footpaths and Multi-use zones
6. Smart Parking Management + MLCPs

AREA BASED DEVELOPMENT : JUNCTIONS IMPROVEMENT & LAST MILE CONNECTIVITY



Junctions as Public Spaces for People – creation of legibility through association

PEDESTRIAN ACCESSIBILITY

1. Dedicated NMT Network
2. Pedestrianized Junctions
3. Rejuvenating Green spaces

ENHANCING LAST MILE CONNECTIVITY

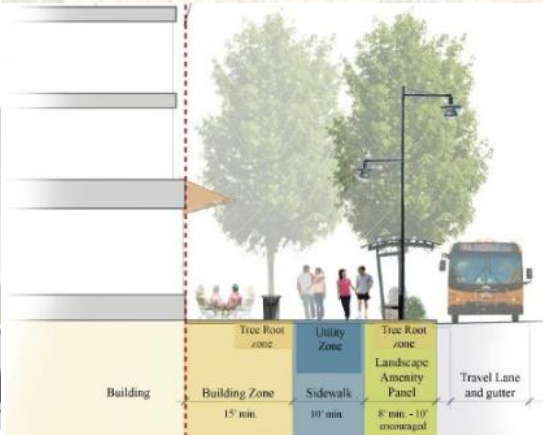
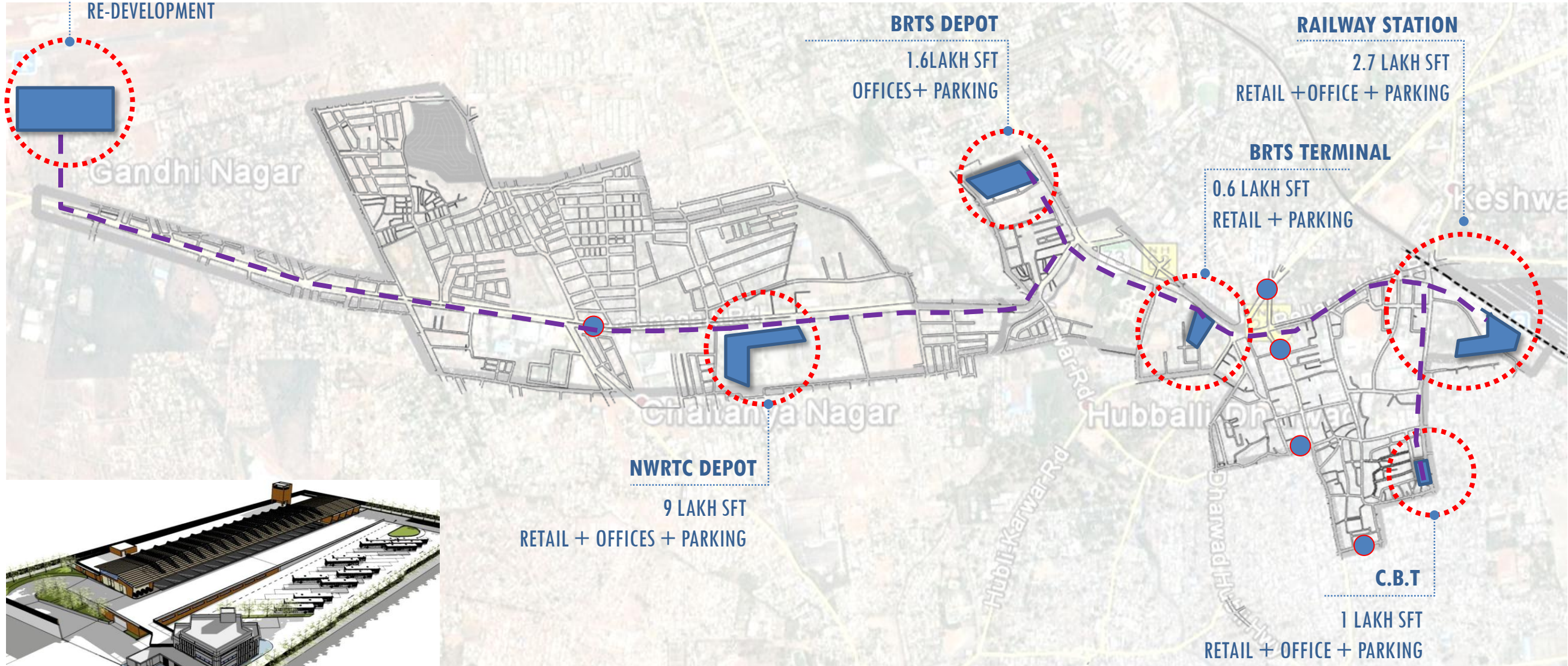
1. Dedicated Cycle Tracks on 10 Km of road stretch
2. e-baiku (PBS) + 30 Nos. of PBS Stations
3. auto.com (Green IPT)



AREA BASED DEVELOPMENT : MOBILITY ORIENTED DEVELOPMENT

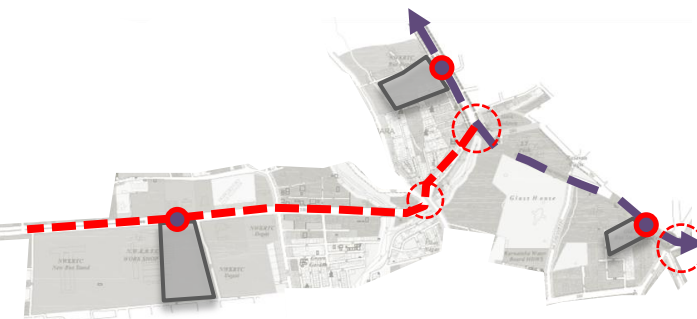
To realize maximum value from new developments, transit is more than a system that gets people from point A to point B. Tailored routes, easy navigation, abundant connections and frequency of service are obvious goals, as well as a mix of personal and business services, entertainment and exhibits, retail, food and beverage and other conveniences bringing vibrancy to the Node. To extract the highest value from transit-oriented development, designs are aligned with the economic, environmental and social aspirations ; making it a **DESTINATION**

**AIRPORT
TERMINAL
RE-DEVELOPMENT**



INTER-LINKING TRANSIT MODES

- Providing seamless transfers across multiple modes of transit (BRTS+Intra city + Inter city).
- Establishing feeder routes and last mile connectivity alternatives
- Identifying the Key Nodes & Junctions





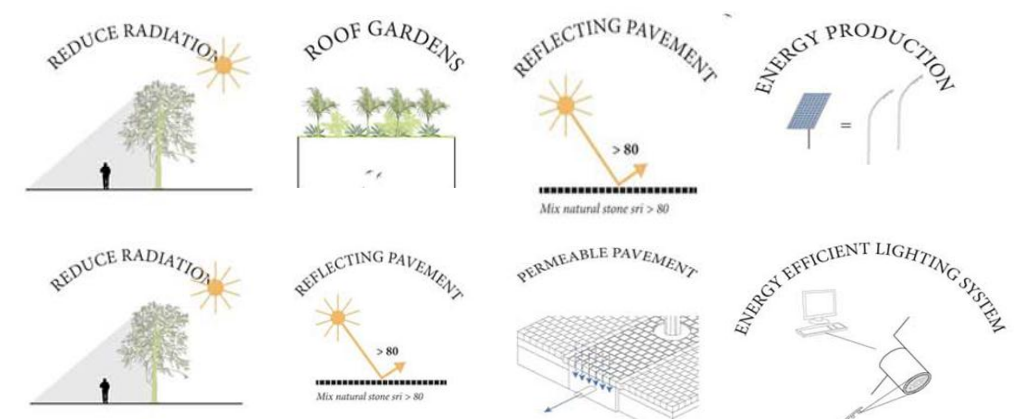
AREA BASED DEVELOPMENT : COMMUNITY RECREATIONAL SPACES



QUALITY OF CITY – LEVEL PUBLIC SPACE



ADAPTIVE RE-USE OF AVAILABLE ROOF SPACE



INCORPORATION OF SUSTAINABLE DESIGN ELEMENTS

LAKEFRONT RE-DEVELOPMENT

- LAKE REJUVENATION
- COMMUNITY PUBLIC SPACE
- RECREATIONAL ACTIVITIES

CITY CENTRE PLAZA

- NEW C.B.D – CITY CENTRE
- DYNAMIC PUBLIC PLAZA
- INCREASED VISIBILITY

COMMUNITY SPACE

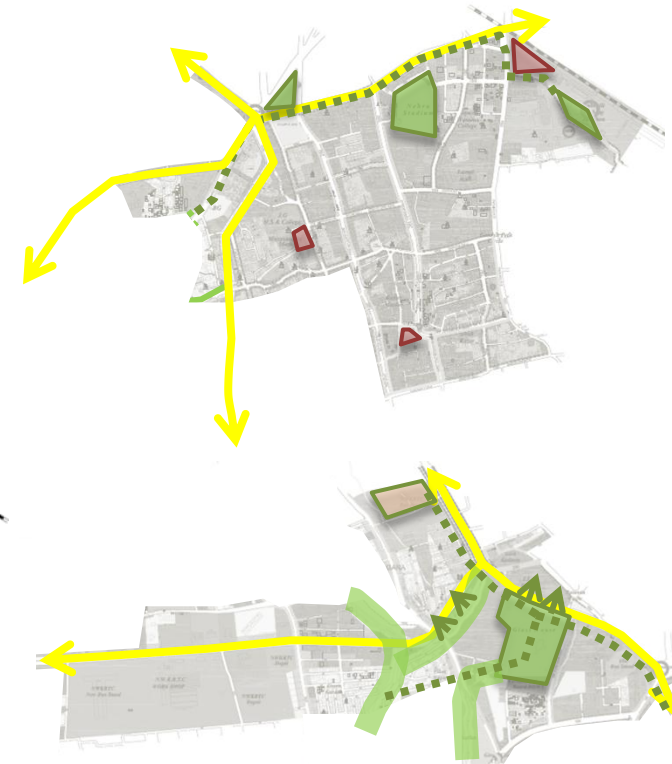
- UPGRADATION OF NEHRU STADIUM

REJUVENATION OF NALA SYSTEM

- RECLAMATION OF BUFFER SPACES AS PUBLIC OPEN SPACES & RECREATIONAL TRAILS

GREEN STREET

- CONNECTING WITH COMMUNITY LINKAGE
- ECO BATTALION FOR GREENING OF CITY GREEN STREETS & BOULEVARDS



STIMULATE CITYSCALE SPACES

- Transforming Tolankere Lake into an Active Public Space for the city, with Recreational Facilities.
- Potential for development of Recreational Activities along the lakefront.
- Promote livability of neighborhood and city

CITY GREENING - ECO BATTALION

- First Municipal Corporation in Karnataka to engage Territorial Army
- Afforestation and eco-development of green spaces across the area.
- Restoration of degraded ecosystems and afforestation

ENVISIONING CITY CENTRE PLAZA

- Reinstate MG Park as the Central Park.
- Extend the green connect to area's open spaces
- Provide facilities for all user groups
- Activate as the city's iconic landmark.
- City level public spaces such as – Stadiums etc,



AREA BASED DEVELOPMENT : NEW ECONOMIC DEVELOPMENTS



9000
NEW JOBS



2500
NEW BUSINESSES



150000
BUILT UP AREA



14000
SKILLED WORKFORCE



1100
GRADUATES

LAKEFRONT RE-DEVELOPMENT

LAKE REJUVENATION
COMMUNITY PUBLIC SPACE
RECREATIONAL ACTIVITIES

NEW C.B.D – START UP TOWER

ICONIC TOWER – 6 LAKH SFT
DEVELOPMENT OF MICRO BUSINESS
START UP - INCUBATION HUB – 3 LAKH SFT

STATION RE-DEVELOPMENT

2.7 + 1.4 LAKH SFT
MULTI – MODAL HUB
MIXED USE DEVELOPMENT
AFFORDABLE HOUSING

TRADE PAVILION & SKILL DEVELOPMENT CENTRE

2.1 LAKH SFT
UPGRADATION OF INFRASTRUCTURE QUALITY
SKILL DEVELOPMENT & CAPACITY BUILDING CENTRES

ADAPTIVE RE-USE OF POTENTIAL VACANT LAND

T.RANSIT ORIENTED DEVELOPMENT WITH STREET FRONTAGE
DEMARKATED DEPOT & TERMINAL AREAS

WIFI TRANSIT CORRIDOR

COMMERCIAL LANDUSE – MIXED USE HIGH RISE WITH PREMIUM F.S.I



ACTIVE HIGH-STREET RETAIL

- Build the New City Corridor by strengthening the growth corridors
- wifi zones
- Facilitate growth of secondary street network

UPGRADATION OF SME

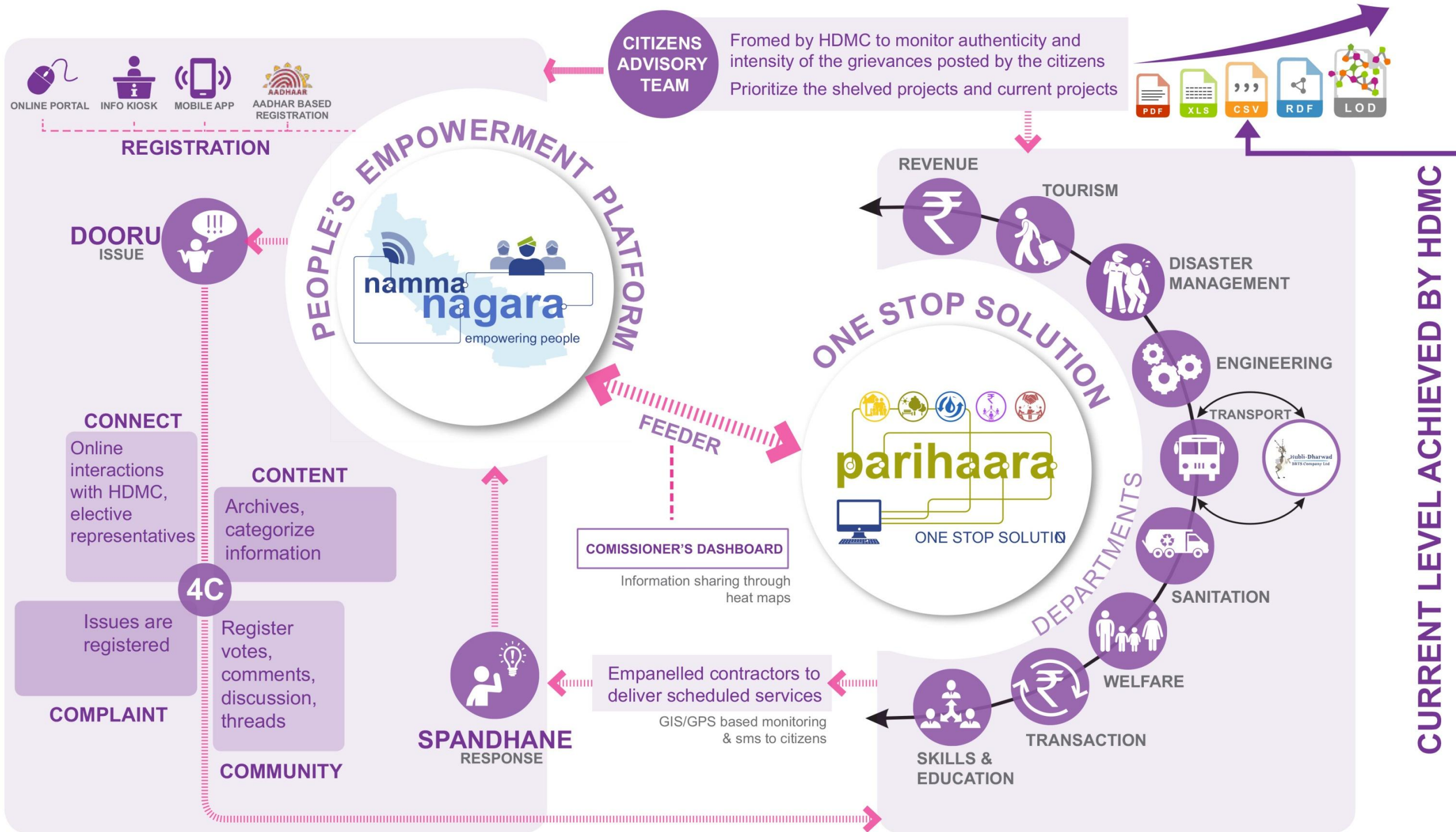
- Improve the sustenance of the SME cluster
- introduction of technology
- Provision of Trade Pavilion for Global Visibility

STRENGTHENING THE LOCAL BUSINESS

- Improving Market Areas, formalised vendor zones
- Accentuating important retail zones
- Retaining the ground connect of the retail
- Creating new commercial hubs along transit nodes
- Defining commercial markers with specific characters

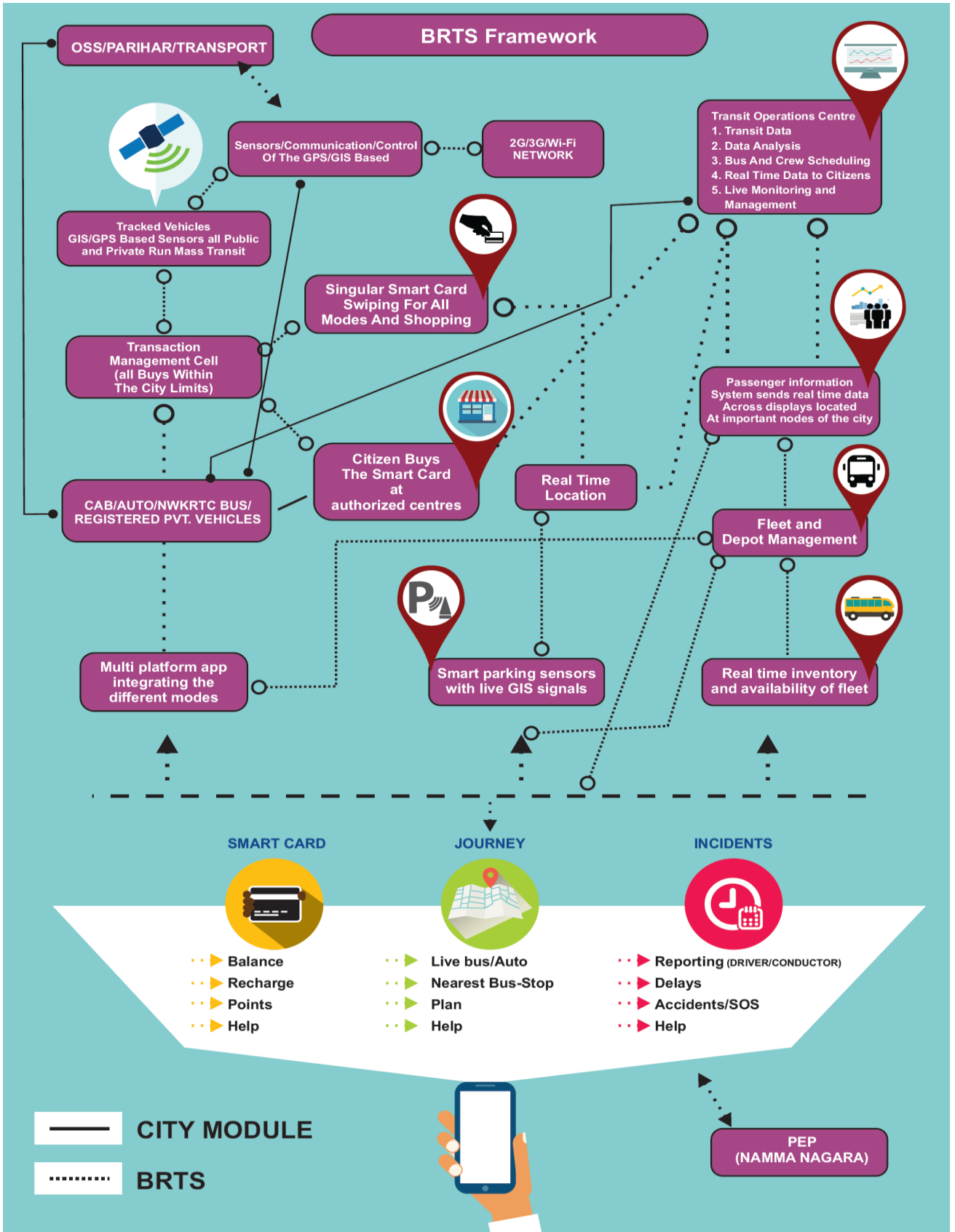
ESTABLISH DEVELOPMENT POTENTIAL

- Identify zones of potential development
- Provide Skill Development Centres
- Utilize the land's potential with increased FSI along the Mutation Corridor
- Distinct hub with potential to transform as city's CBD



PAN CITY

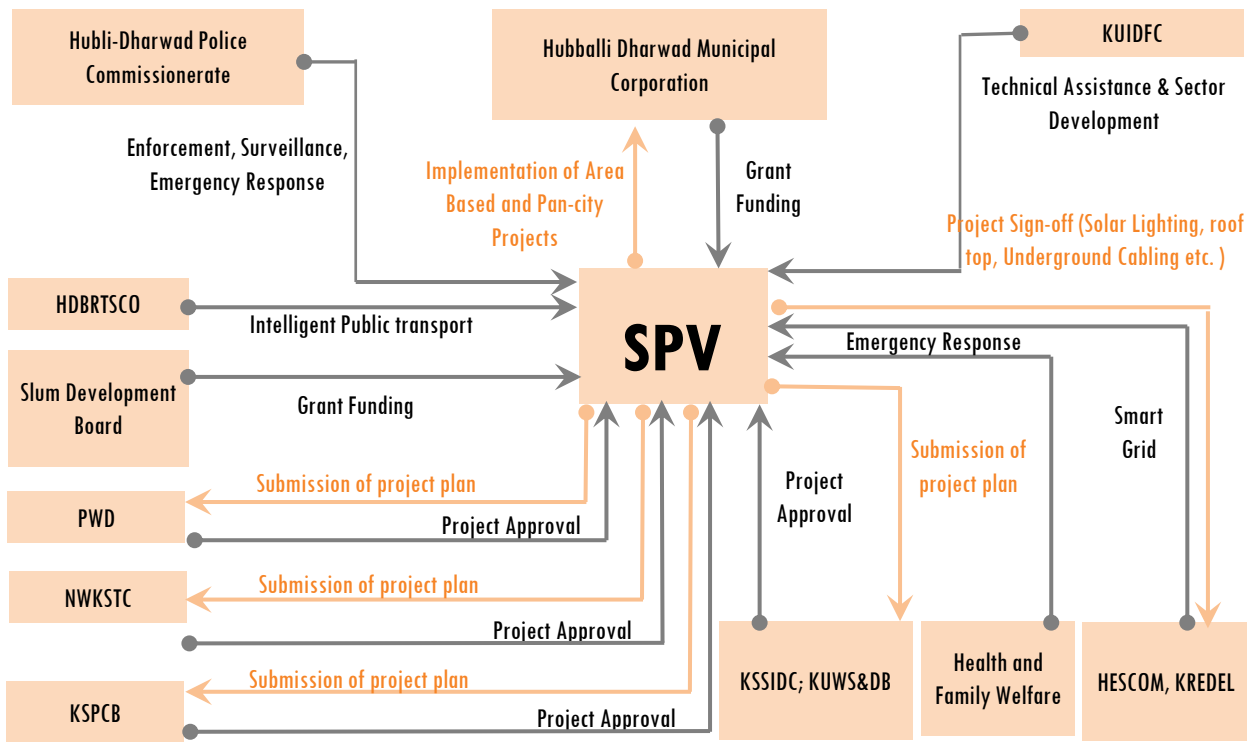
PART OF INITIATIVE 01



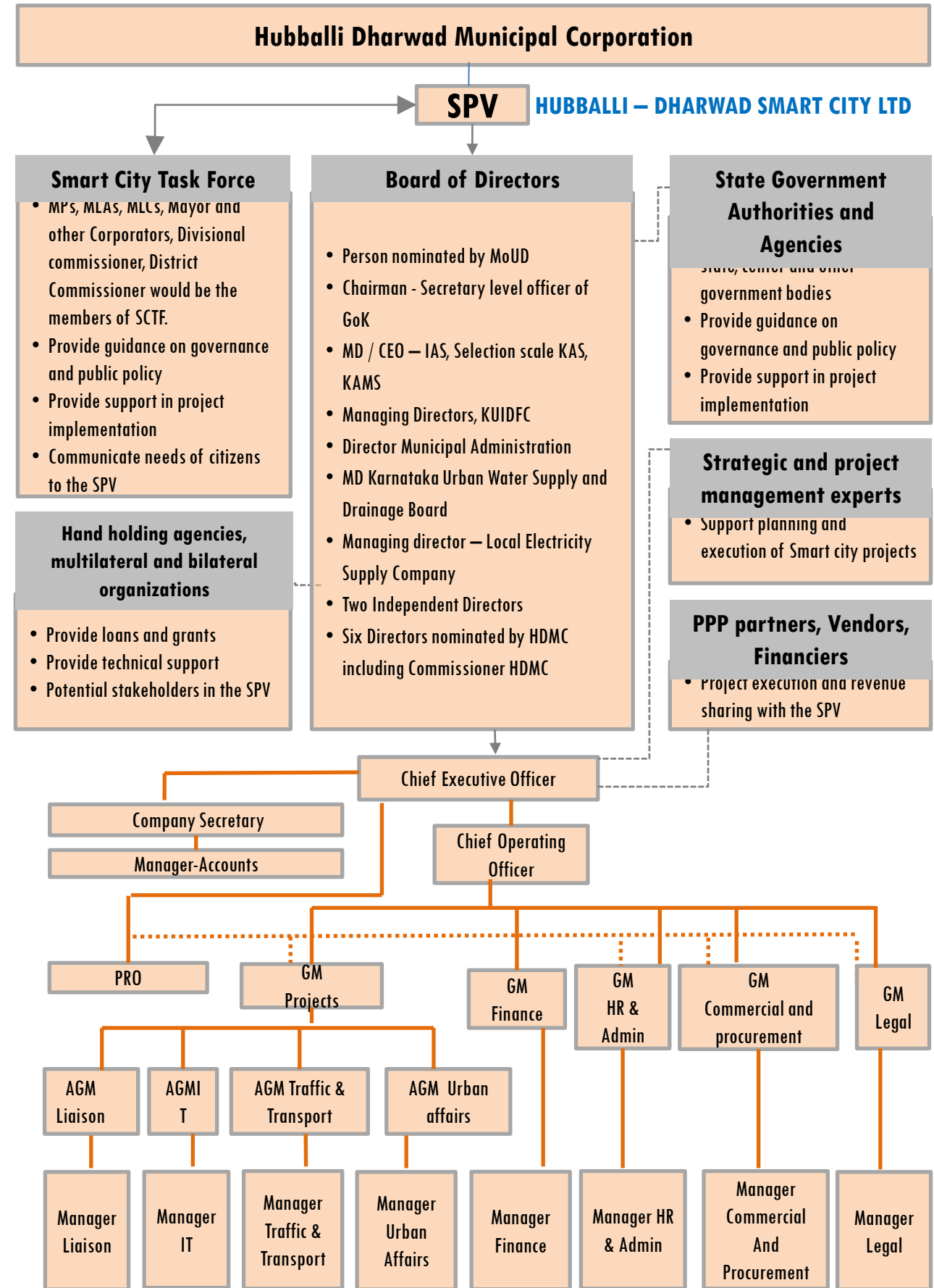
PROJECT VISWAS - Vision for Intelligent Solid waste management With Active participation of Society



Q.34 CONVERGENCE



Q.36 STAKEHOLDER ROLES : ORGANOGRAM



Particulars	Estimated Cost (Rs. In Crs)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Grant - Smart City (Centre/State)	Central Missions			Other Missions/Schemes		SFC	PPP	Other Sources	
								AMRUT	SBM	Digital India	MNRE Solar City Program	IPD Scheme			ULB Surplus/ Tax Increments/ Other proceeds	Other Sources (Other Central State Schemes)
AREA BASED DEVELOPMENT																
Economy Development	286.37	-	86	200	-	-										
Renovation of core city market areas	114.78	-	34	80	-	-	114.8	-	-	-	-	-	-	-	-	-
Industrial Development- Skill Development, Incubation Centre, Trade Pavillion, ITI/Vocational training	99.32	-	30	70	-	-	-	-	-	-	-	-	-	-	-	99.3
Upgradation of SME	72.27	-	22	51	-	-	-	-	-	-	-	-	-	-	-	72.3
Local Area Development	492	-	159	240	94	-										
Transport Terminal Hub - with wi-fi enabled services	316.49	-	95	158	63	-	284.8	-	-	-	-	-	31.6	-	-	-
MLCP	66.1	-	20	33	13	-	59.5	-	-	-	-	-	6.6	-	-	-
Streetscape redesign - Footpath Improvement	83	-	25	42	17	-	83.0	-	-	-	-	-	-	-	-	-
IPT Connectivity	4.75	-	1	2	1	-	4.8	-	-	-	-	-	-	-	-	-
Junction Improvement - major junctions, street intersections and traffic islands	21.75	-	17	4	-	-	21.8	-	-	-	-	-	-	-	-	-
Increased Livability	104	-	33	71	-	-										
Open Space upgradation	89.65	-	27	63	-	-	89.7	-	-	-	-	-	-	-	-	-
NMT Zones	4	-	1	3	-	-	4.0	-	-	-	-	-	-	-	-	-
Green Corridor	10	-	5	5	-	-	-	-	-	-	-	-	-	-	-	10.0
Basic Infrastructure Improvements	480.47	-	69	247	162	1										
Water Supply System - 24/7 Water Supply- with smart metering	24.39	-	5	15	5	-	-	-	-	-	-	-	-	-	-	24.4
Under Ground Drainage System	18.64	-	4	11	4	-	9.3	9.3	-	-	-	-	-	-	-	-
Rain Water Management	2	-	0	1	0	-	1.0	-	-	-	-	1.0	-	-	-	-
Solid Waste Management	0.54	-	1	-	-	-	0.2	-	0.3	-	-	-	-	-	-	-
Storm Water Drains	5	-	1	3	1	-	2.5	2.5	-	-	-	-	-	-	-	-
Public Toilets	0.96	-	0	1	0	-	-	-	1.0	-	-	-	-	-	-	-
Underground ducting of Electrical/data-with electrical smart metering	190	-	38	114	38	-	190.0	-	-	-	-	-	-	-	-	-
Affordable housing	103.32	-	21	62	21	-	41.3	-	-	-	-	-	-	-	-	62.0
Solar LED Streetlighting	6.86	-	-	2	3	1	6.2	-	-	-	-	0.7	-	-	-	-
Roof Top Solar	128.76	-	-	39	90	-	12.9	-	-	-	38.6	-	-	77.3	-	-
Railway station Re-development	54.45	-	8	14	19	14	-	-	-	-	-	-	-	54.5	-	-
TOTAL COST – ABD	1417	-	355	771	276	15	925.7	11.8	1.3	-	38.6	0.7	1.0	170.0	-	268.0
PAN CITY																
Smart IT	161	-	47.4	68.1	29.1	16.1										
Waste Management System	31	-	21.4	3.1	3.1	3.1	30.6	-	-	-	-	-	-	-	-	-
ULB Smart initiatives	130	-	26.0	65.1	26.0	13.0	-	-	-	-	-	-	-	-	-	130.1
People Empowerment Platform	84	-	25.2	42.0	16.8	-	50.4	-	-	33.6	-	-	-	-	-	-
TOTAL COST - PAN CITY	245	-	72.6	110.1	45.9	16.1	81.0	-	-	33.6	-	-	-	-	-	130.1
TOTAL COST OF PROPOSAL	1662	-	427.7	881.5	321.5	31.1	1,007	12	1	34	39	1	1	170	-	398

FINANCIAL PLAN

Particulars	Area Based Development				Pan City
	Improvement of Basic Infrastructure	Local Area Development	Increased Livability	Economy Development	Smart IT
Component (Rs. In Crores)					
Key Components	<ul style="list-style-type: none"> - Water Supply - Solid Waste Management - Sanitation - Storm Water Drain - Underground ducting - Slum Redevelopment - Public toilets - Rain water harvesting 	<ul style="list-style-type: none"> - Transport Terminal Hub - Wi-fi Corridor - MLCP - Streetscape, footpath improvement - IPT connectivity - Junction improvements - Railway station re-development 	<ul style="list-style-type: none"> - Open space upgradation - NMT Zones - Green Corridor 	<ul style="list-style-type: none"> - Renovation of core city market areas - Industrial development/ skill development centres - Upgradation of SME 	<ul style="list-style-type: none"> - Waste Management I-ULB Smart Initiatives - People Empowerment Platform
Cost	480.47	547	104	286.37	245
Subtotal	1417				245
Total	1662				

Parameters	Funding Pattern (INR Crores)			% of funds
	Area Based	Pan City	Total	
Total Indicative Project Cost	1417	245	1662	100.0%
Smart City Fund	919	81	1000	60.2%
Convergence with Gol & GoK schemes	311	147	458	27.6%
ULB funding from own source	7	17	24	1.4%
PPP funding	170	-	170	10.2%
CSR/other sources	10	-	10	0.6%

